NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT

North Dakota Agricultural Statistics Service

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER INFORMATION CENTER

Released: August 16, 2004
For Week Ending: August 15, 2004
ND-CW3304

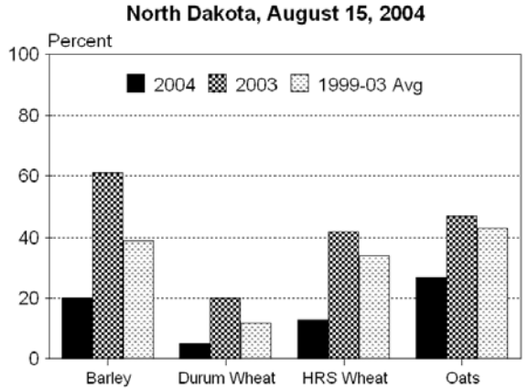
General: Cool, damp weather last week continued to slow progress of small grain harvest and delay the development of immature crops, according to the North Dakota Agricultural Statistics Service. Warm weather and sunshine were reported as being needed for late season crop development. Reports of disease infestation in wheat and barley in the northern part of the state were received, along with reports of sprouting barley. Statewide soil moisture supplies fell slightly from last week and were slightly below the five-year average (1999-2003). However, soil moisture supplies remained greater than last year. Statewide, on average, there were 5.2 days suitable for fieldwork during the week ending August 15.

Crops: Small grain harvest continued to lag behind the average and last year due in part to slow crop development. Combining of spring wheat was 13 percent completed, more than a week behind normal. Durum wheat development remained well behind the average, with harvest beginning about a week behind average. Canola harvest has begun, well behind last year and average. Most late season crop development was a week behind normal. Sunflower blooming showed the most development from last week, but remained about a week behind average. Soybean and dry edible bean podding continued to increase significantly, but development still lagged considerably behind average and last year. Potato vines killed, at 8 percent, was slightly behind average.

Small grain crop conditions, except durum wheat, remained mostly stable during the week as the crop matures. Spring wheat was rated 73 percent good to excellent compared to 72 percent a week ago. Durum wheat was rated 65 percent good to excellent compared to 60 percent a week ago. The potato crop showed the most improvement from last week with 74 percent rated good to excellent, similar to the average. Canola condition also improved from last week as the majority of the crop has turned. Most other late season crop conditions were stable.

Livestock: Pasture and range conditions declined slightly from last week with 32 percent rated good to excellent, compared to 44 percent average. Hay condition was rated 39 percent good to excellent compared to 42 percent last year. Second cutting alfalfa was 77 percent complete, and other hay was 90 percent. Stockwater supplies were rated 9 percent very short, 20 short, 68 adequate and 3 surplus.

Small Grains Combined
North Dakota, August 15, 2004



Small Grain Development Progress [1/]
August 15, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
		(Percent)		
BARLEY				
Turning	94	84	99	93
Combined	20	10	61	39
DURUM WHEAT				
Headed	97	92	100	100
Milk	88	74	94	94
Turning	57	38	77	70
Combined	5	2	20	12
HRS WHEAT				
Milk	98	94	100	99
Turning	82	68	94	90
Combined	13	5	42	34
OATS				
Turning	90	79	98	91
Combined	27	17	47	43

1/ Crop development percents represent all acreage in or beyond each stage.

Late Season Crop Development Progress [1/]
August 15, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
		(Percent)		
CANOLA				
Turning	76	61	93	89
Swathed	27	12	71	62
Combined	3	0	22	12
CORN				
Silking	89	75	99	99
Dough	11	6	51	59
Dented	0	0	7	15
DRY EDIBLE BEANS				
Blooming	98	90	99	100
Podding	71	48	88	91
Fully Podded	10	1	43	51
Lower Leaves Yellowing	0	NA	18	19
FLAXSEED				
Turning	65	37	85	71
Combined	1	0	7	5
POTATOES				
Rows Filled	96	89	99	97
Vines Killed	8	6	24	10
SOYBEANS				
Podding	90	67	92	96
Fully Podded	22	5	40	53
Lower Leaves Yellowing	0	NA	3	6
SUNFLOWER				
Blooming	63	36	89	86
Ray Flowers Dried/Dropped	2	NA	10	8

1/ Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Crop and Pasture Condition
Week Ending August 15, 2004

Crop	Very Poor	Poor	Fair	Good	Excellent
			(Percent)		
Barley	2	3	20	52	23
Durum Wheat	3	5	27	60	5
HR Spring Wheat	2	5	20	48	25
Oats	6	7	31	45	11
Canola	2	4	25	50	19
Corn, All	2	10	32	42	14
Dry Edible Beans	1	5	29	52	13
Flaxseed	2	3	26	58	11
Potatoes	1	3	22	54	20
Soybeans	1	5	32	45	17
Sugarbeets	1	4	22	54	19
Sunflower	1	7	34	49	9
Hay	15	12	34	33	6
Pasture and Range	14	21	33	29	3

~ Compiled and Published by ~
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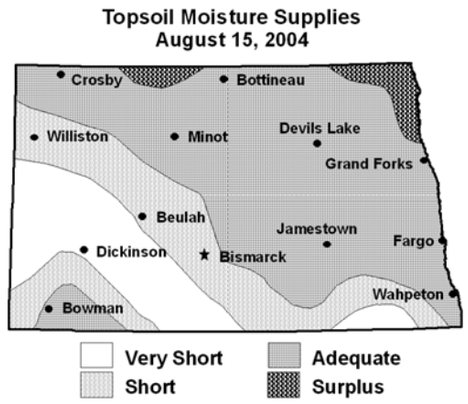
Soil Moisture: North Dakota, August 15, 2004

Date	Very Short	Short	Adequate	Surplus
		(Percent)		
TOPSOIL				
This Week	17	24	54	5
Last Week	14	24	55	7
Last Year	23	45	31	1
1999-03 Avg	10	26	57	7
SUBSOIL				
This Week	18	23	54	5
Last Week	17	21	56	6
Last Year	19	40	40	1
1999-03 Avg	9	23	61	7



Weather: Once again temperatures have been well below average for this time of year. With daytime highs consistently in the 70s and overnight lows plunging into the 40s, areas ranged from 7 to 10 degrees below average. The week proved to be a dry one. Rainfall amounts across the state ranged from as little as 0.01 to 0.80 of an inch.

Outlook, August 16-22: The week will begin with daytime highs in the 70s and 80s but cooler air will push in by midweek with highs in the 60s and 70s. Temperatures will climb back into the 80s by the weekend. Expect overnight lows to drop down into the 50s much of the week with 40s in store midweek. The state will not see much rainfall this week. There is a slight chance for precipitation early in the week for central and eastern North Dakota.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending August 15, 2004

District Averages		Average Temperature		Seasonal Precipitation Beginning April 1		
		Past Week	Depart Normal 1/	Past Week	Total	Depart Normal 1/
		(Degrees F)		(Inches)		
Northwest	(1)	61	-6	0.35	9.15	-0.54
N. Central	(2)	58	-8	0.23	11.35	0.47
Northeast	(3)	58	-9	0.23	9.46	-0.99
W. Central	(4)	60	-10	0.09	4.37	-6.28
Central	(5)	59	-10	0.22	11.33	0.34
E. Central	(6)	60	-9	0.12	10.91	-0.52
Southwest	(7)	59	-10	0.05	5.46	-4.73
S. Central	(8)	60	-10	0.18	6.95	-3.03
Southeast	(9)	60	-9	0.05	11.02	-0.22

1/ Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending August 15, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal 1/
	(Degrees F)		(Inches)		
(1) Bowbells	78	40	0.32	9.21	-0.44
Williston	85	43	0.02	7.34	-0.86
Mohall	78	44	0.25	11.37	0.83
Minot	78	41	0.80	8.67	-1.68
(2) Baker	77	41	0.21	11.56	-0.68
Bottineau	77	38	0.23	11.14	0.19
Rugby	77	37	0.26	11.36	1.92
(3) Cando	78	39	0.45	8.91	0.40
Cavalier	70	42	0.09	10.03	-0.93
Forest River	78	43	0.13	8.48	-2.22
Grand Forks	75	41	0.14	7.26	-2.93
Langdon	75	42	0.11	10.68	0.58
St. Thomas	77	42	0.44	11.41	0.71
(4) Hazen	87	36	0.07	3.87	-7.36
Turtle Lake	78	40	0.16	4.36	-6.67
Watford City	82	42	0.05	4.89	-4.80
(5) Carrington	78	42	0.25	9.93	-1.01
Harvey	78	40	0.16	10.20	-0.77
Jamestown	77	43	0.05	14.55	3.74
Robinson	78	41	0.57	11.29	0.57
Streeter	74	41	0.09	10.66	-0.85
(6) Dazey	76	43	0.22	9.88	-1.82
Fargo	76	47	0.03	11.90	0.93
Hillsboro	79	43	0.11	10.96	-0.67
(7) Beach	78	40	0.02	5.69	-3.48
Bowman	77	40	0.16	6.62	-3.68
Dickinson	79	42	0.03	4.35	-6.05
Hettinger	77	38	0.00	5.17	-5.73
(8) Mandan	82	43	0.08	6.50	-3.11
Linton	77	40	0.28	7.40	-2.94
(9) Edgeley	78	43	0.01	9.73	-1.78
Oakes	78	42	0.01	10.38	-0.29
Wyndmere	78	44	0.13	12.96	1.43

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